AMENDMENTS TO THE CLAIMS

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

1. (Currently amended) A genetically modified mouse ~~or mouse cell~~ characterised in that ~~it does not comprise a nucleic acid sequence which itself encodes any~~ the complete coding region of the endogenous immunoglobulin heavy chain constant region locus ~~polypeptide~~ is deleted and in that one or more endogenous Ig H Variable region, one or more endogenous Ig H D segment, and one or more endogenous Ig H J segment nucleic acid sequences are present.

2. (Currently amended) A genetically modified mouse according to claim 1, wherein ~~or mouse cell characterised in that it does not comprise a nucleic acid sequence which itself encodes any endogenous immunoglobulin heavy chain constant region locus polypeptide and in that~~ all the endogenous Ig H Variable region, D and J segment nucleic acid sequences are present.

3. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 1 characterised in that it does not comprise a nucleic acid sequence which itself encodes any immunoglobulin heavy chain constant region (IgH C) polypeptide.

4. (Canceled)

5. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 1, characterised in that it is obtainable or obtained by targeted deletion of ~~essentially~~ all endogenous IgH C gene sequences.

6. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 1 characterised in that it is obtainable or obtained by Cre *lox*P recombination.

7. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 1 characterised in that at least part of at least one IgH C gene enhancer sequence is present.

8. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 1 characterised in that a non-endogenous site-specific recombination sequence is present within the genome.

9. (Canceled)

10. (Canceled)

11. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 1 characterised in that one or more selectable marker(s) is present within the genome.

12. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 8 characterised in that at least one selectable marker is present upstream of, or downstream of, the non-endogenous site specific recombination sequence.

13. (Canceled)

14. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 11 characterised in that the selectable marker(s) is one or more selectable marker selected from a group comprising a neomycin resistance gene, a puromycin resistance gene, and a hygromycin resistance gene.

15. (Currently amended) A genetically modified mouse ~~or mouse cell~~ according to claim 8 characterised in that the non-endogenous site-specific recombination sequence is a *lox*P site.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Withdrawn and Currently amended) A genetically modified ~~non-human~~ mouse cell according to claim 22 [[1]] characterised in that it is an embryonic stem cell.

20. (Previously presented) A genetically modified mouse derived from a genetically modified mouse of claim 1.

21. (Canceled)

22. (Withdrawn and Currently amended) A genetically modified mouse cell ~~derived~~ obtained from a genetically modified mouse of claim 1.

23.-73. (Canceled)

74. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 2.

75. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 3.

76. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 5.

77. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 6.

78. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 7.

79. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 8.

80. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 11.

81. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 12.

82. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 14.

83. (New) A genetically modified mouse cell obtained from a genetically modified mouse of claim 15.